

## HTML TAGS:

HTML tags are like keywords which defines that how web browser will format and display the content. With the help of tags, a web browser can distinguish between an HTML content and a simple content.

HTML tags contain three main parts: opening tag, content and closing tag. But some HTML tags are unclosed tags.

All HTML tags must enclosed within < > these brackets.

- **If you have used an open tag <tag>, then you must use a close tag </tag>**

Syntax:

```
<tag> content </tag>.
```

- **<!DOCTYPE>:**

All HTML documents must start with a <!DOCTYPE>. This tag is not case sensitive.

Syntax:

```
<!DOCTYPE html>.
```

- **<html>:**

The <html> tag represents the root of an HTML document. The <html> tag is the container for all other HTML elements except for the <!DOCTYPE> tag.

Syntax:

```
<html lang="eng">
```

.....

```
</html>
```

- **<head>:**

The <head> element is a container for data about data and is placed between the <html> tag and the <body> tag.

The following elements can go inside the <head> element: <title>, <style>, <base>, <link>, <meta>, <script>, <noscript>.

syntax: <!DOCTYPE html>

```
<html lang="en">
```

```
<head>
```

<title>Title of the document</title>

</head>

<body>

- **<title>:**

The <title> tag defines the title of the document. The title must be text-only, and it is shown in the browser's title bar or in the page's tab.

The <title> tag is required in HTML documents.

syntax:<head>

<title>This is title of my web page</title>

</head>

- **<body>:**

The tag defines the document's body.

The <body> element contains all the contents of an HTML document, such as headings, paragraphs, images, hyperlinks, tables, lists, etc.

Syntax:

<html>

<head><title>.....</title>

</head>

<body>

.....

</body>

- **Heading tag <h1> to <h6>:**

The <h1> to <h6> tags are used to define HTML headings.

<h1> defines the most important heading. <h6> defines the least important heading.

syntax:

<h1>This is heading 1</h1>

<h2>This is heading 2</h2>

<h3>This is heading 3</h3>

<h4>This is heading 4</h4>

<h5>This is heading 5</h5>

<h6>This is heading 6</h6>

- **<p> paragraph tag:**

The <p> tag defines a paragraph.

Syntax:

<p>This is a paragraph</p>.

- **<br> break tag:**

The <br> tag inserts a single line break.

Syntax:

<p>To force<br> line breaks<br> in a text,<br> use the br<br> element</p>

- **Bold tag:**

It is used to specify bold content in html document.

Syntax:

<b> Statements... </b>.

- **italic tag:**

It is used to write the content in italic format.

Syntax:

<i> Statements... </i>

- **Small (text) tag:** It is used to set the small font size of the content.

Syntax:

<small>Staments..</small>

- **Comment tag:**

It is used to set the comment in html document. It is not visible on the browser.

Syntax:

<!--Statements-->

- **Meta tag:**

It is used to specify the page description. For example: last modifier, authors, etc.

Syntax:

`<meta> Statements.....</meta>`

- **Anchor tag:**

It is used to link one page to another page.

Syntax:

`< a href="link...." >statements</a>`

- **List tag:** It is used to list the content. It contains 3 types.

syntax: `<li> statements.....</li>`

- **Underline tag:**

The content inside is typically displayed with an underline.

Syntax:

`<p><u> This is Underline</u>tag</p>`

- **Horizontal rule tag:**

It is displayed as a horizontal rule that is used to separate content (or define a change) in an HTML page.

Syntax: `<p>This is Underlinetag</p><hr>`

- **Ordered List tag:**

It is used to list the content in a particular order.

Syntax:

`<ol> Statements... </ol>`

- **Unordered List tag:**

It is used to list the content without order.

Syntax:

`<ul> Statements... </ul>`

- **Definition list tag:**

It is used to create definition list.

Syntax:

```
<dl> Staments..</dl>
```

- **Scrolling Text tag:**

It is used to scroll the text or image content.

Syntax:

```
<marquee> Statements... </marquee>
```

- **Center tag:**

It is used to set the content into the center.

Syntax:

```
<center> Statements... </center>
```

- **Font tag:**

It is used to specify the font size, font color and font-family in html document.

Syntax:

```
<font> Statements ... <font>
```

- **Image tag:**

It is used to add image element in html document.

Syntax:

```
<img>
```

Code:

```

```

- **Link tag:**

It is used to link the content from external source.

Syntax:

```
<link>
```

Code:

<head>

<link rel="stylesheet" type="text/css" href="style.css">

</head>

- **Table tag:**

Table tag used to create tables in html document

Syntax:

<table> Statements... </table>

- **Tr tag:**

It is used to define row of html table

Syntax:

<tr> statements....</tr>

- **Th tag:**

It defines the header cell in a table. By default it set the content with bold and center property.

Syntax:

<th> statements....</th>

- **Td tag:**

It defines the standard cell in html document.

Syntax:

<td> Statements ... </td>

- **Video tag:**

It is used to embed video content in a document.

Syntax:

<video>.....</video >

- **Audio tag:**

It is used to embed audio content in a document.

Syntax:

<audio>.....</audio >

- **Form tag:**

It is used to create html form for user.

Syntax:

```
<form>statements...</form>
```

```
<form action="url" method="get/post">
```

//input fields ,text area, Select ,radio buttons

```
</form>
```

Submit input tag: It is used to take the input from the user.

Syntax:

```
<input>
```

Ex: <form action="url" method="get/post">

```
<input type="text">
```

```
<input type="submit" value="submit">
```

```
</form>
```

- **Dropdown option tag:**

It is used to select an option from a drop-down list.

Syntax:

```
<option>statements.....</options>
```

Ex: <form action="url" method="get/post">

```
<center>Select an option:<select>
```

```
<option>option1</option>
```

```
<option selected>option2</option>
```

```
</form>
```

- **Radio button tag:**

It is used to select only one option from the given options.

Syntax:

```
<input type="radio" >
```

Ex:

```
<form method=post action="url">
```

Select an option:<br>

```
<input type="radio" name="option"> Option 1
```

```
<input type="radio" name="option" checked> Option 2
```

```
<input type="radio" name="option"> Option 3
```

```
</form>
```

- **<abbr>tag:** Defines an abbreviation like Html ,Css.

Syntax:

```
<abbr> </abbr>
```

- **<em> tag:**

It is used to define emphasized text.The content inside is typically displayed in italic.

Syntax:

```
<em>.....</em>
```

- **<bdi> tag:**

The text that might be formatted in a different direction from other text outside it bdi means Bi-Direction Isolation.

Syntax:

```
<bdi>...</bdi>
```

Eg:

User <bdi>input</bdi>: 30 inputs

- **<bdo>tag:**

Overrides the current the text direction.it means Bi-direction override.

Syntax:

```
<bdo dir="rtl"></bio>
```

- **<del> tag:**

Defines text that has been deleted from a document.

Syntax:<del>...</del>

Eg:

```
<del>is</del>
```

- **<ins>tag:**

Defines text that has been inserted from a document.

Syntax: <ins>...</ins>

- **<dfn> tag:**

It stands for the definition element and it specifies a term that is going to be defined within the content or title.



Syntax: <dfn>....</dfn>

Eg: <dfn>HTML</dfn>

- **<kbd>tag:**

Tag is used to define keyboard input. The content inside is displayed in the browser's default monospace font.

Syntax:<kbd> </kbd>

Eg: <kbd>Ctrl</kbd> +<kbd>C</kbd> to copy text

- **<mark>tag:**

Defines marked/highlighted text.

Syntax:

<mark>...</mark>

- **<meter>tag:**

Defines a scalar measurements within a range

Syntax:

<meter>....</meter>

Eg:

<meter id="per A" value="4" ></meter>

- **<nav> tag:** Navigation links

Syntax:

<nav>...</nav>

Eg:

<nav>

<a href="/html/">Html </a>

</nav>

- **<pre>tag:**

The tag defines preformatted text. The text will be displayed exactly as written in the HTML source code.

Syntax:

<pre>..</pre>

Eg:

<pre>

The text will be in pre elements</pre>

- **<progress>tag:** Tag represents the completion progress of a task.

Syntax:

<progress>....</progress>

Eg

<progress id="file" value="30" >30%</progress>

- **<q>tag:** Defines a short quotation(" ").

Syntax:<q>.....</q>

Eg:

<q>bulid the equation</q>

- **<sub>tag:**

Defines subscripted tag.It comes down in the line.

Syntax:

<sub> </sub>

Eg:

<p>This is <sub>subscript</sub></p>

- **<sup>tag:** Defines superscript tag. It comes up in the line.

Syntax:

<sup>..</sup>

Eg:

<p>This is <sup>subscript</sup></p>

- **<time>tag:** It defines a specific time or datetime

Syntax:<time>...</time>

Eg:

<time>11:00</time> to <time>1:00</time>